

1154-VI-2810 **Silva Chang*** (silva.chang@colorado.edu) and **Anne Dougherty**. *Mastery-Based Grading in a Large Calculus Course*.

Standards-based grading is a grading scheme which is based on a student's mastery of course learning outcomes. In fall 2018 we implemented mastery-based grading in a large calculus course with over 800 students. Core topics were identified and multiple opportunities to demonstrate mastery were offered. After each midterm exam, students with low scores were given several chances to raise their scores by taking proctored online tests. We present data on student participation rates, the effect on exam averages, and student satisfaction with the grading scheme. (Received September 18, 2019)